



VIS-P4TXIR28NH-AIST

4 Megapixel IP Plug & Play, Outdoor Turret, Fixed Lens, Up to 98' IR Range, WDR, Built-in Mic, SD Card Slot, 12VDC/PoE, Superior Starlight

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- 4 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 98'
- Smart IRs
- Superior Starlight Illumination: 0.0005 Lux
- Ultra H.265,H.265,H.264,MJPEG Compression
- 30 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 256GB
- Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Vision CMS
- Free MAC Client

Camera											
Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS										
Minimum Illumination	Colour: 0.0005 lux (F1.0, AGC ON)										
Shutter	Auto/Manual, 1 ~ 1/100000s										
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotate: 0° ~ 360°										
WDR	120dB										
S/N	>56dB										
Lens											
Lens	2.8mm@F1.0										
Iris	Fixed										
Field of View (H)	108.6°										
Field of View (V)	81.3°										
Field of View (D)	135.1°										
DORI											
DORI Distance	<table border="1"> <thead> <tr> <th>Lens (mm)</th> <th>Detect (ft)</th> <th>Observe (ft)</th> <th>Recognize (ft)</th> <th>Identify (ft)</th> </tr> </thead> <tbody> <tr> <td>2.8</td> <td>142.4(43.4m)</td> <td>57.1(17.4m)</td> <td>28.5(8.7m)</td> <td>14.1(4.3m)</td> </tr> </tbody> </table>	Lens (mm)	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)	2.8	142.4(43.4m)	57.1(17.4m)	28.5(8.7m)	14.1(4.3m)
Lens (mm)	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)							
2.8	142.4(43.4m)	57.1(17.4m)	28.5(8.7m)	14.1(4.3m)							
Illuminator											
LED Distance	Up to 30m (98ft)										
LEDs Number	2										
LED On/Off Control	Auto/Manual										
Video											
Video Compression	Ultra265, H.265, H.264, MJPEG										
H.264 code profile	Baseline profile, Main profile, High profile										
Frame Rate	Main Stream: 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;										

Video Bit Rate	128 Kbps~16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Triple streams
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog
Intelligent	
Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Recognition	Face capture
Statistical Analysis	People counting, support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Tampering alarm, Audio Detection
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711
Audio Bitrate	64 Kbps
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	InVid Vision (Mobile App) Vision Tools (IP Utility) InVid CMS
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
Interface	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
RS485	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Certifications	
EMC	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max9.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ5.1" x 4.3" (Φ129 x 110mm)
Weight	1.52lb (0.69kg)
Material	Metal
Operating Conditions	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing)
Storage Environment	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Supported

Ordering Information

VIS-P4TXIR28NH-AIST: 4 Megapixel IP Plug & Play Turret, 2.8mm

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